

FIG. 1

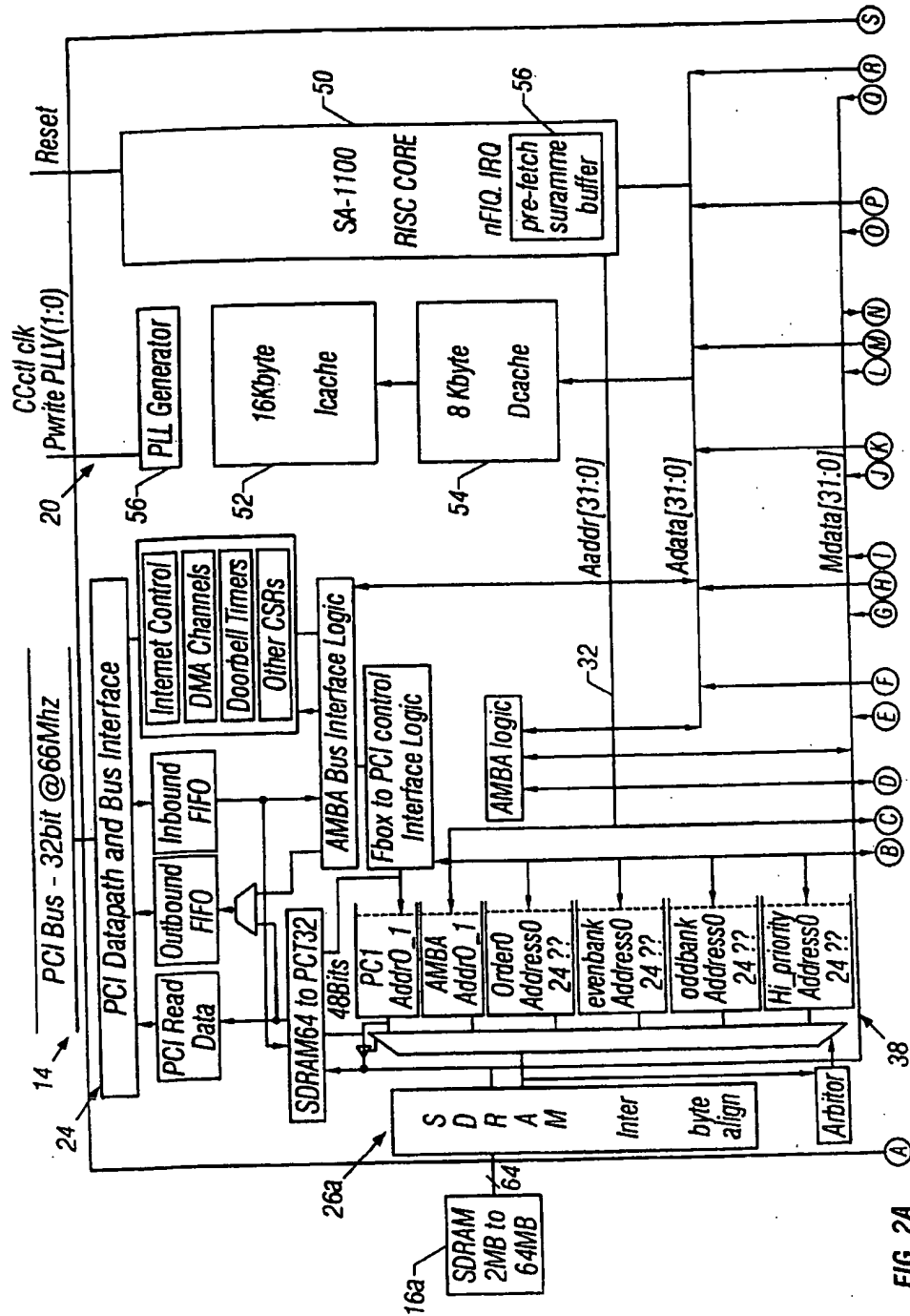


FIG. 2A

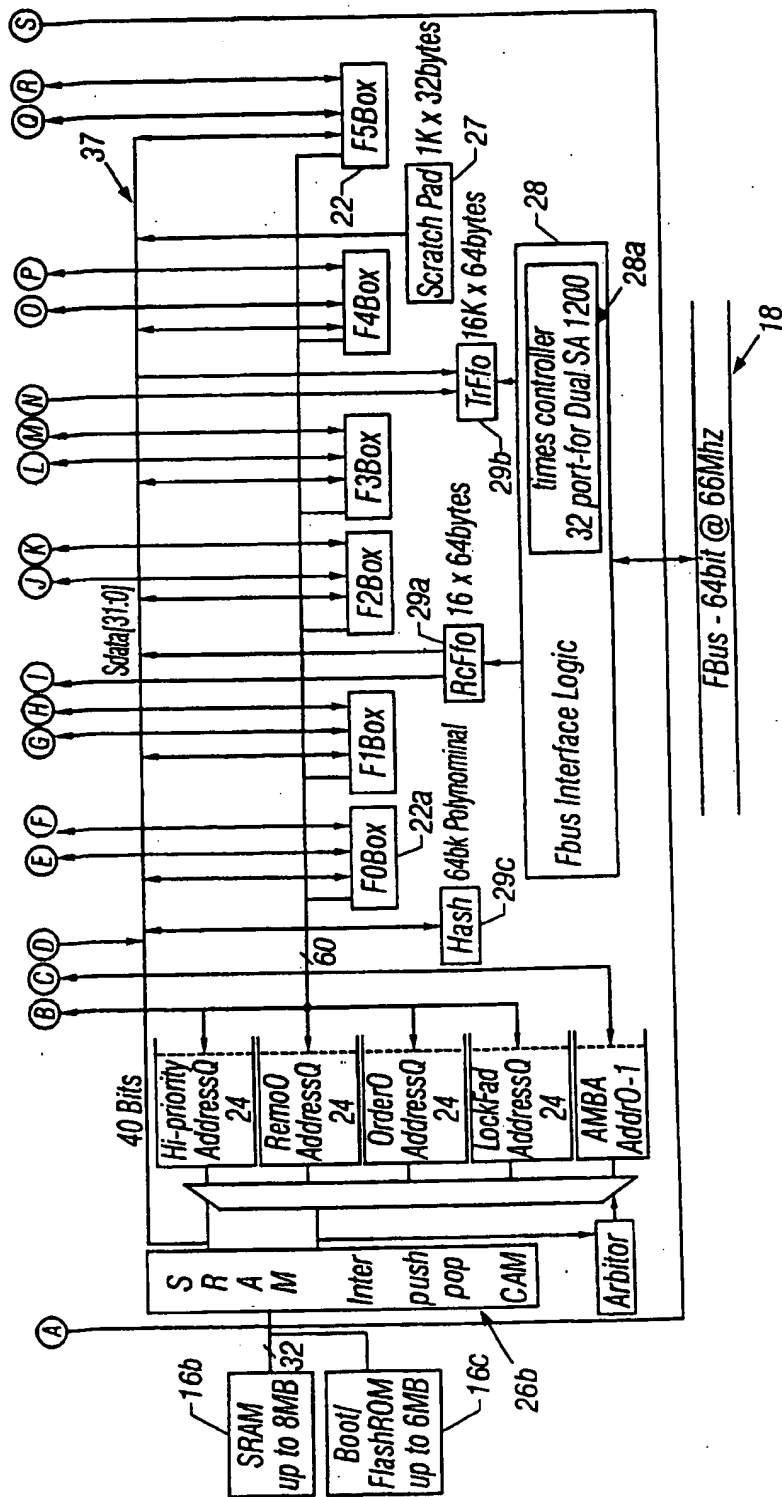


FIG. 2B

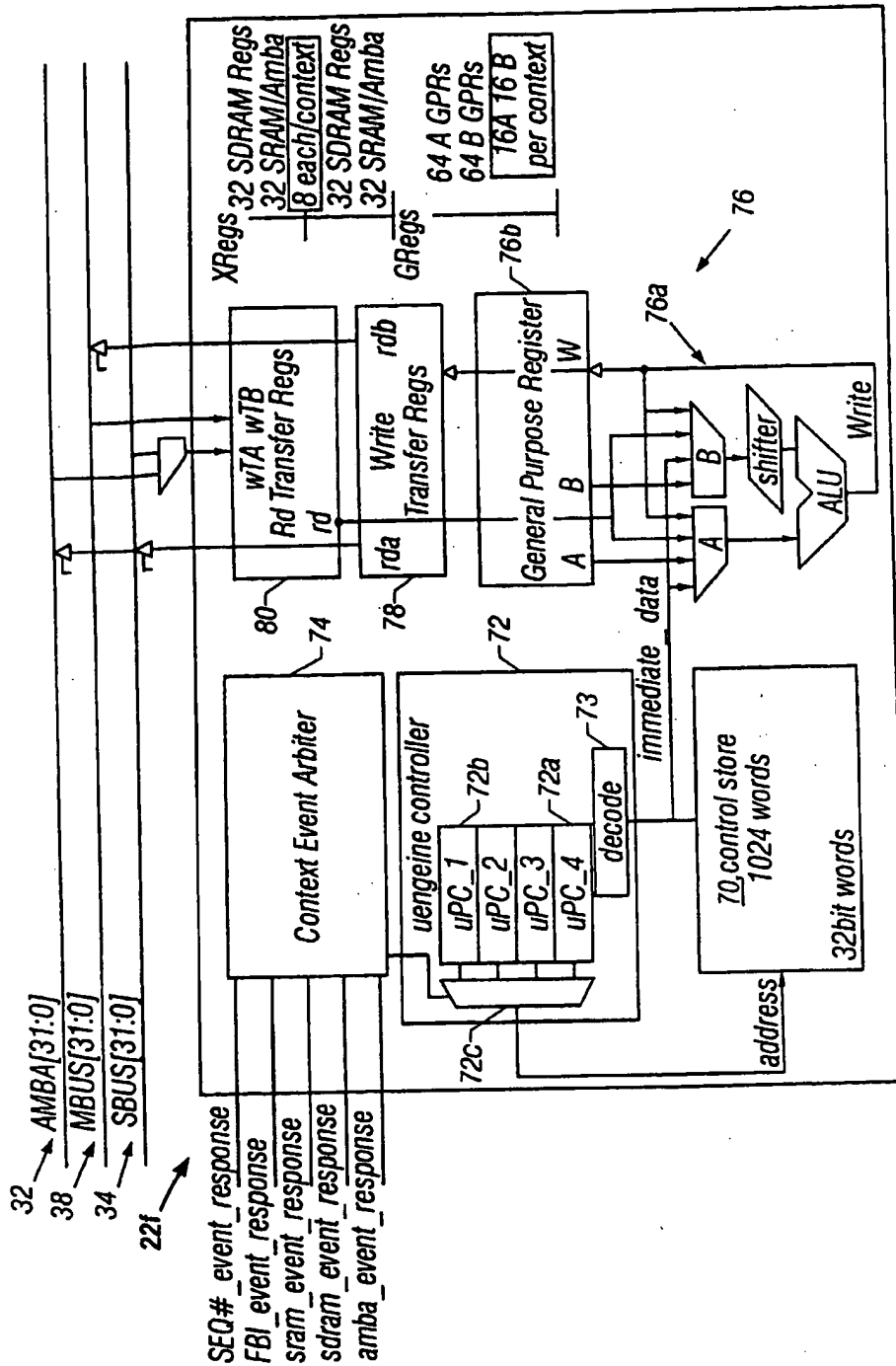
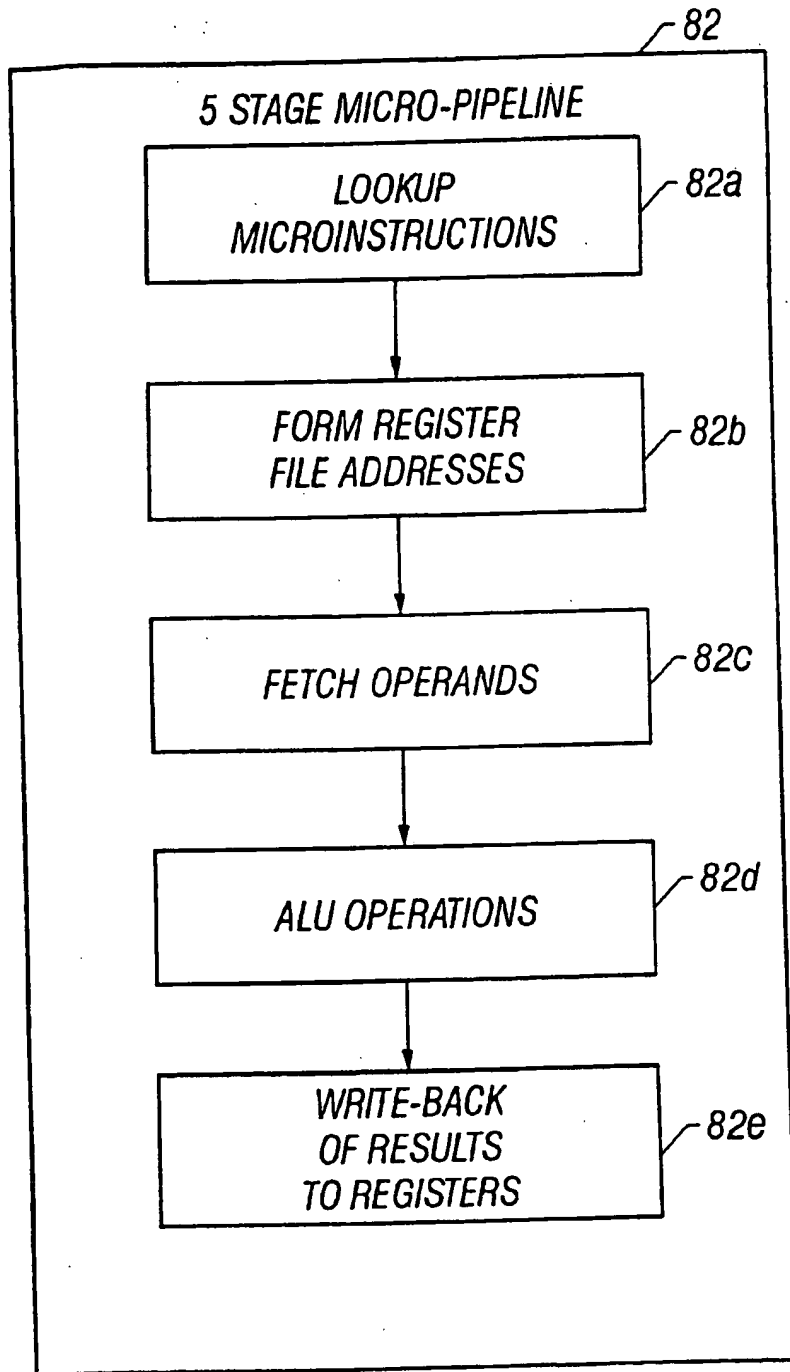
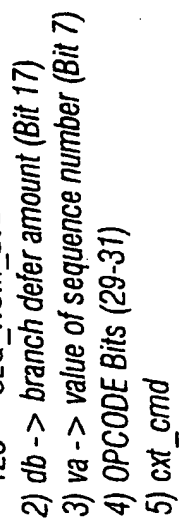


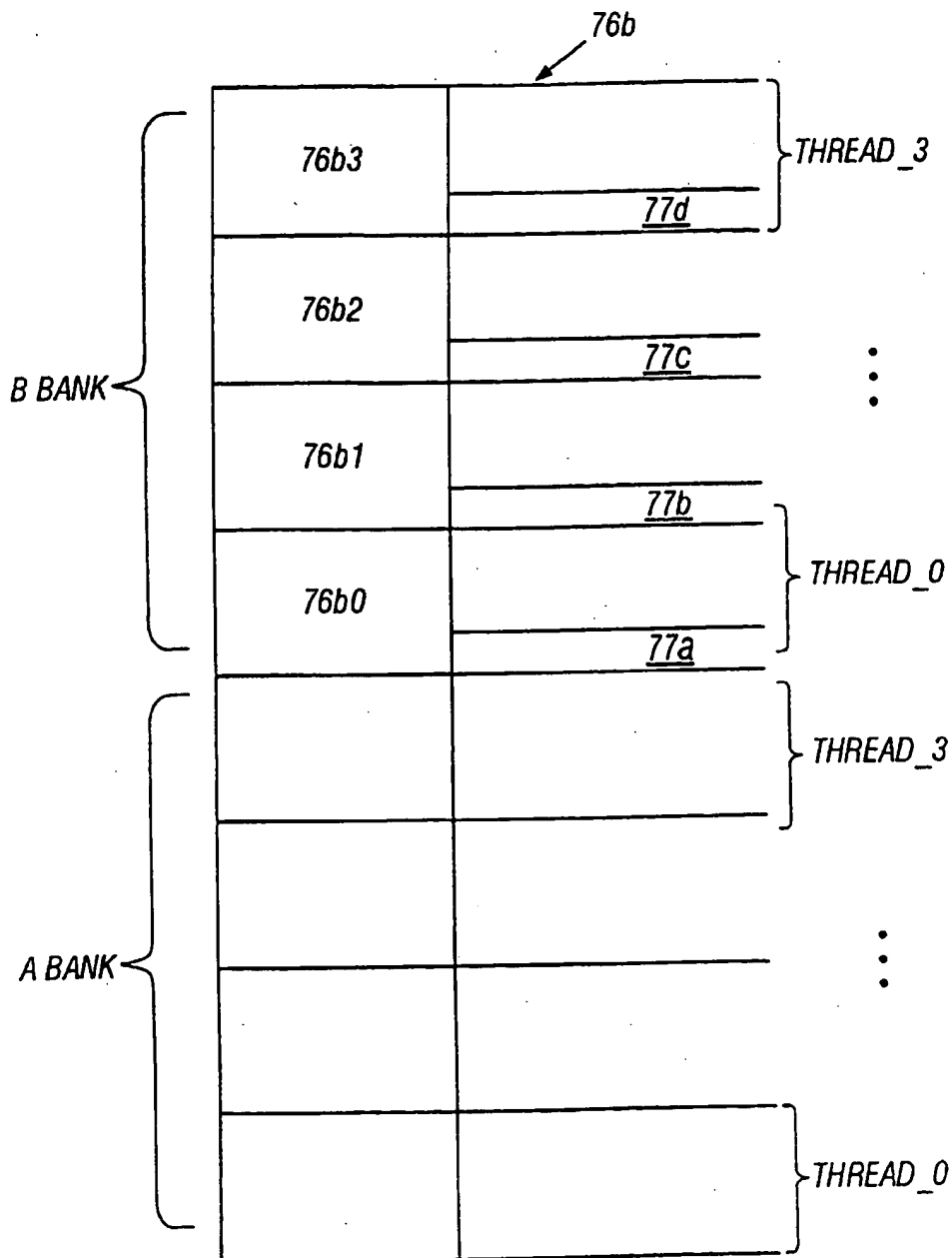
FIG. 3



**FIG. 3A**



**FIG. 3B**



**FIG. 3C**

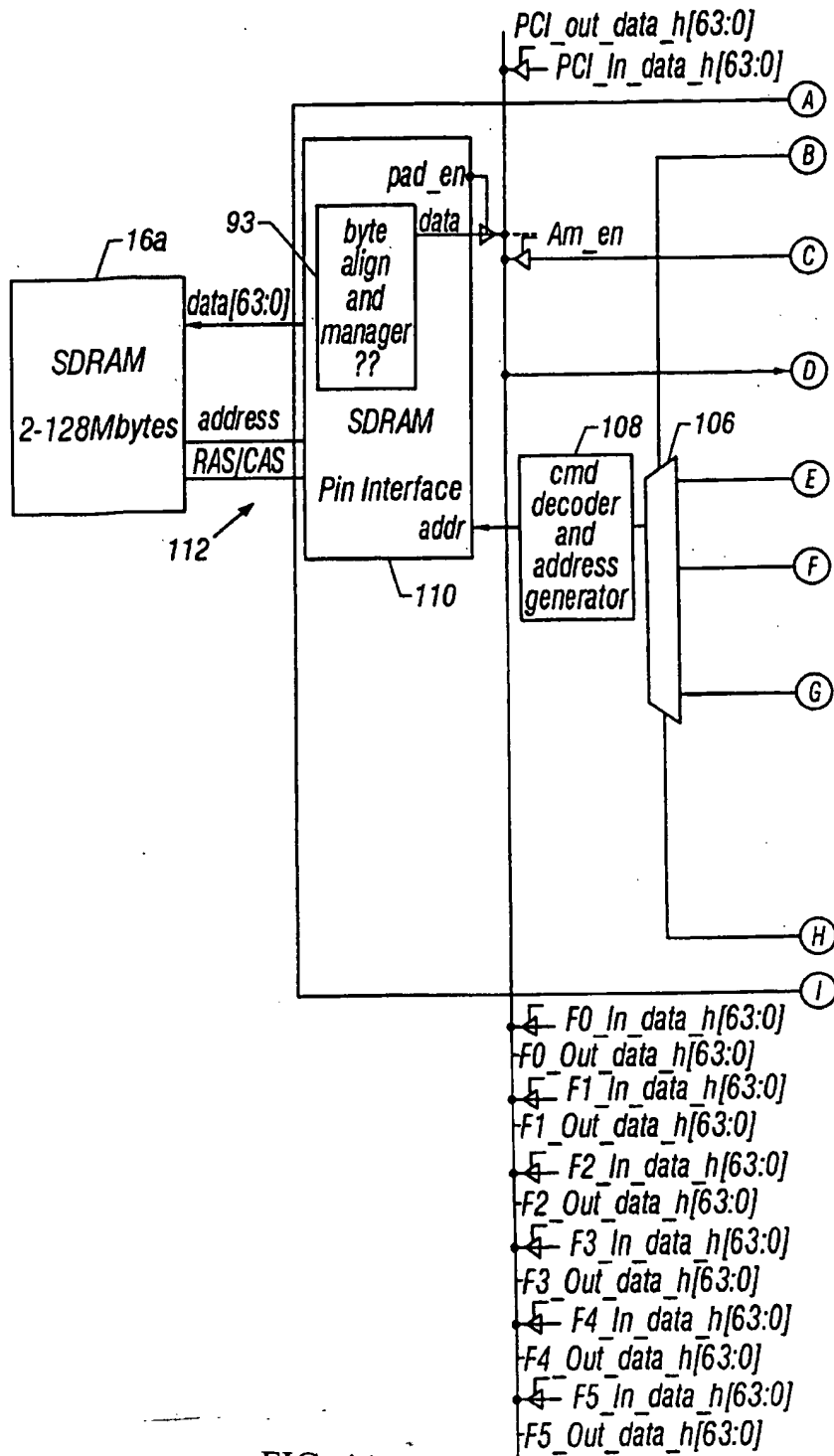


FIG. 4A



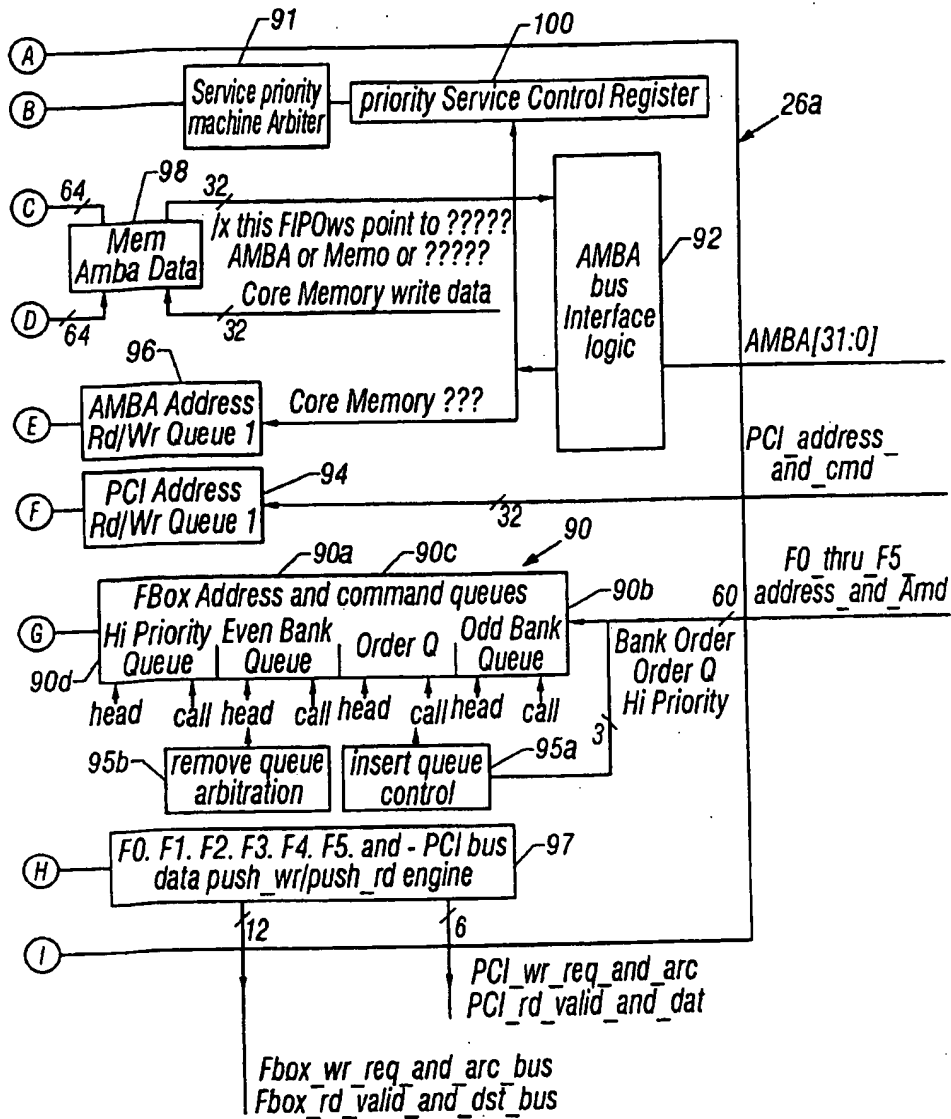


FIG. 4B

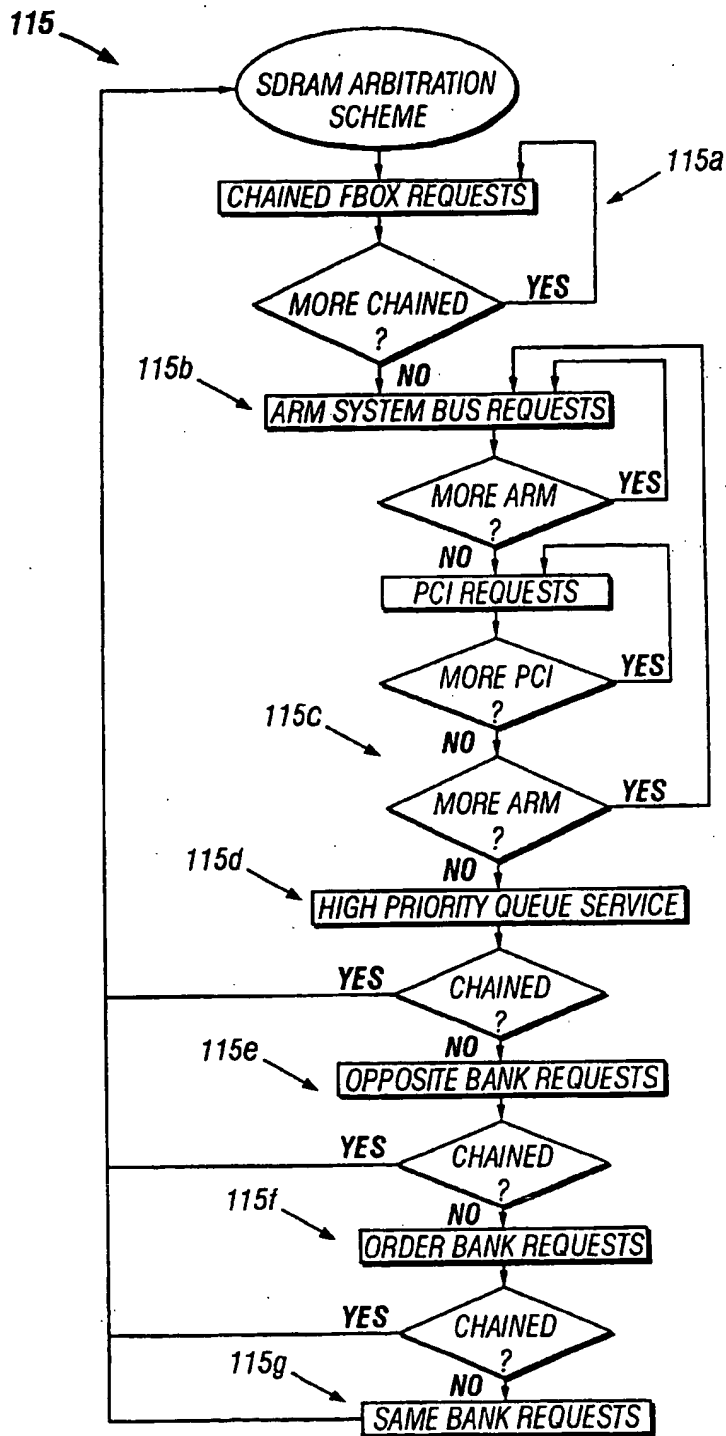


FIG. 4C

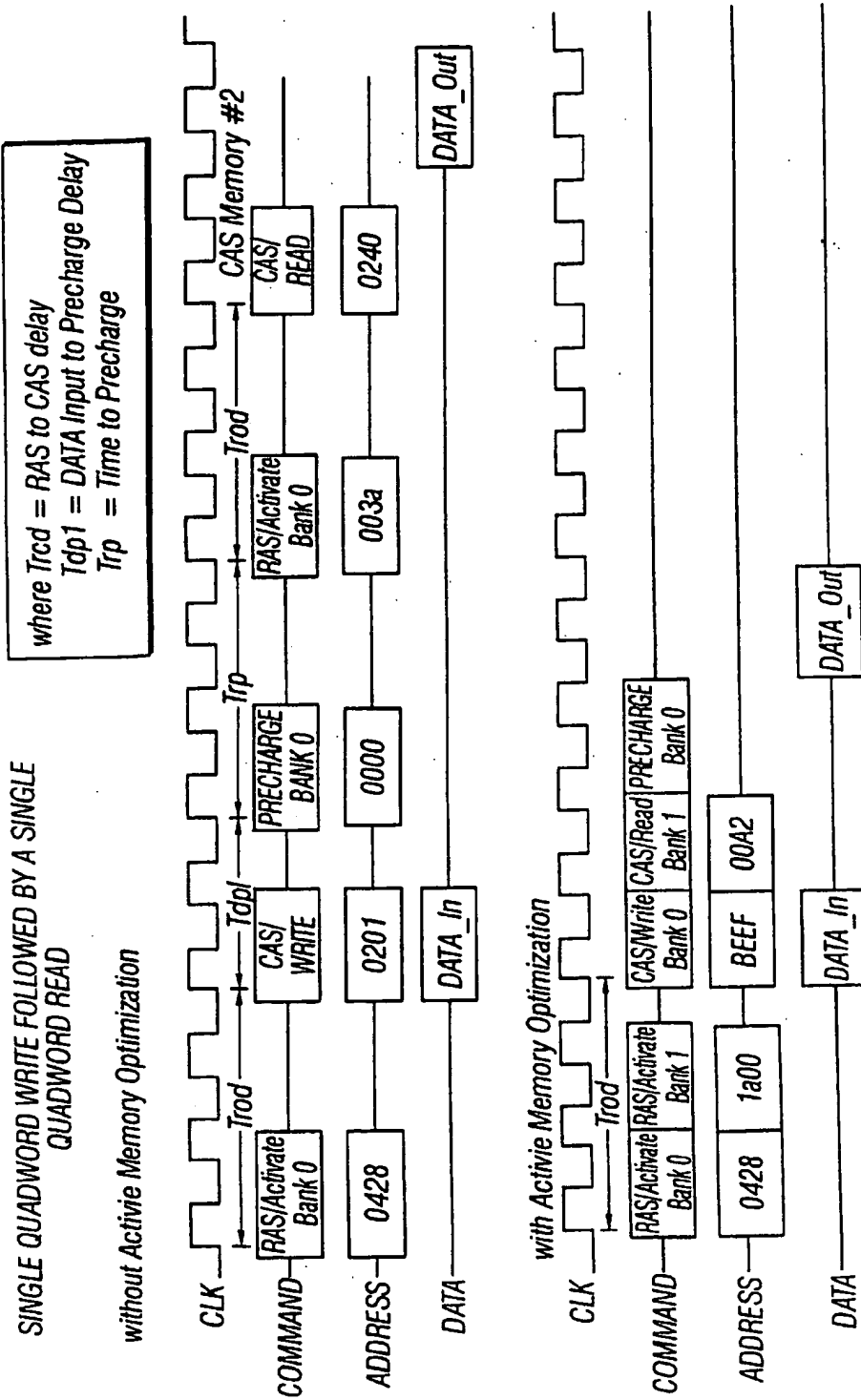


FIG. 4D



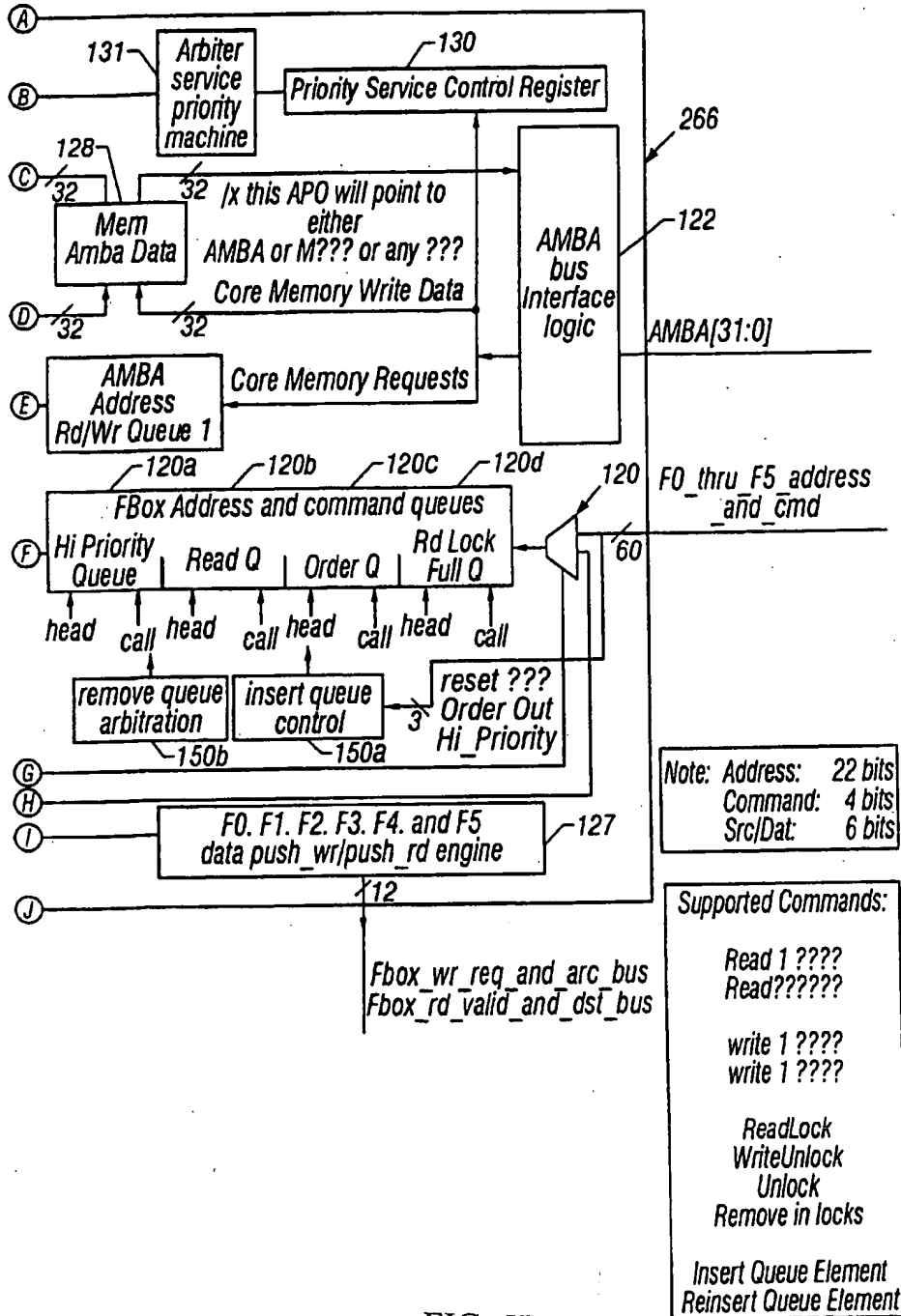
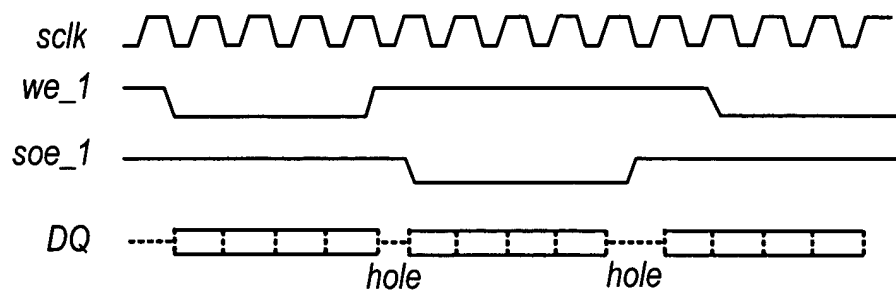


FIG. 5B

*4 Writes and 4 Reads followed by more reads with optimization*



*4 Writes and 4 Reads without optimization*

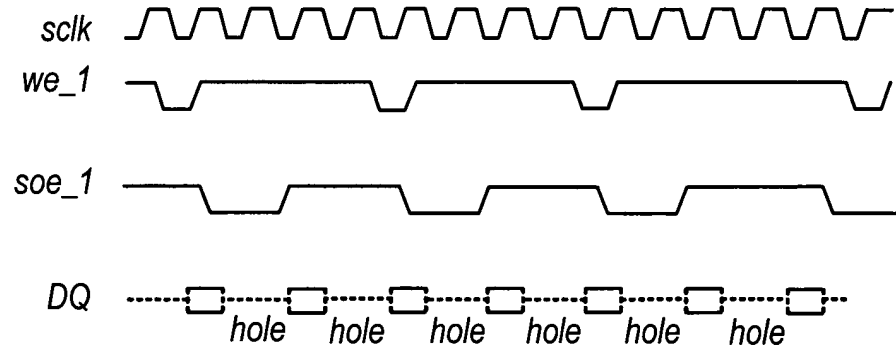


FIG. 5C

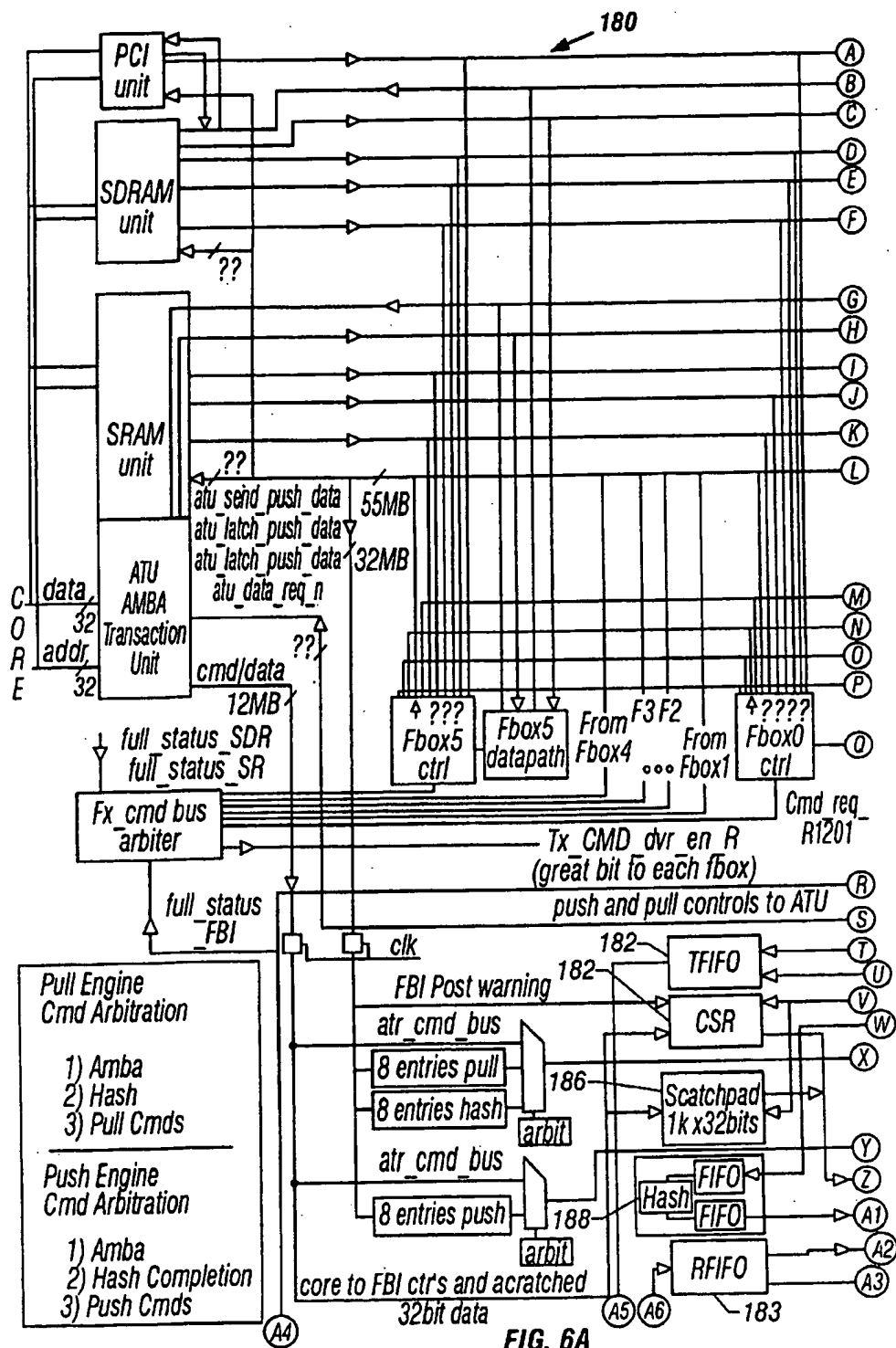


FIG. 6A

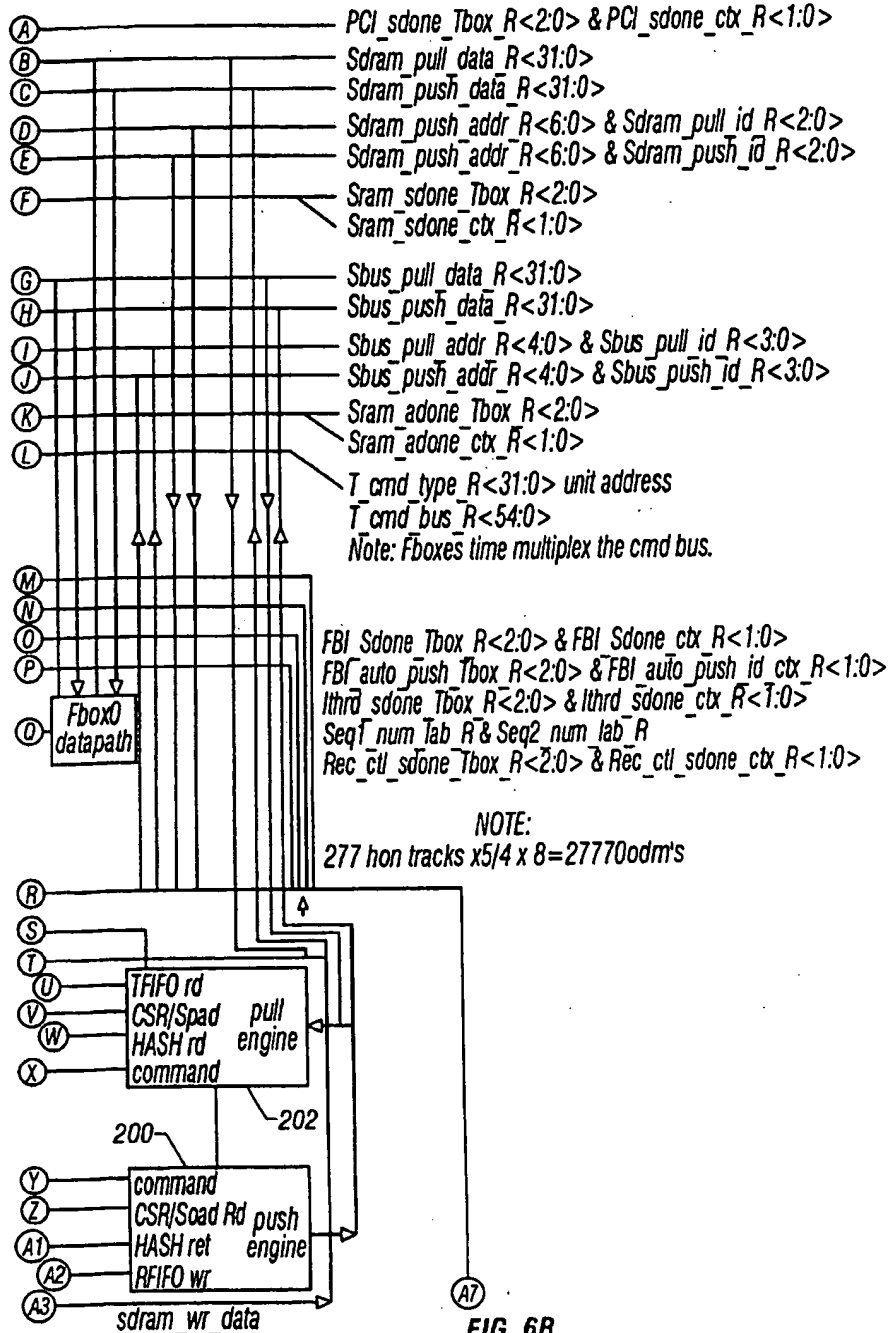


FIG. 6B



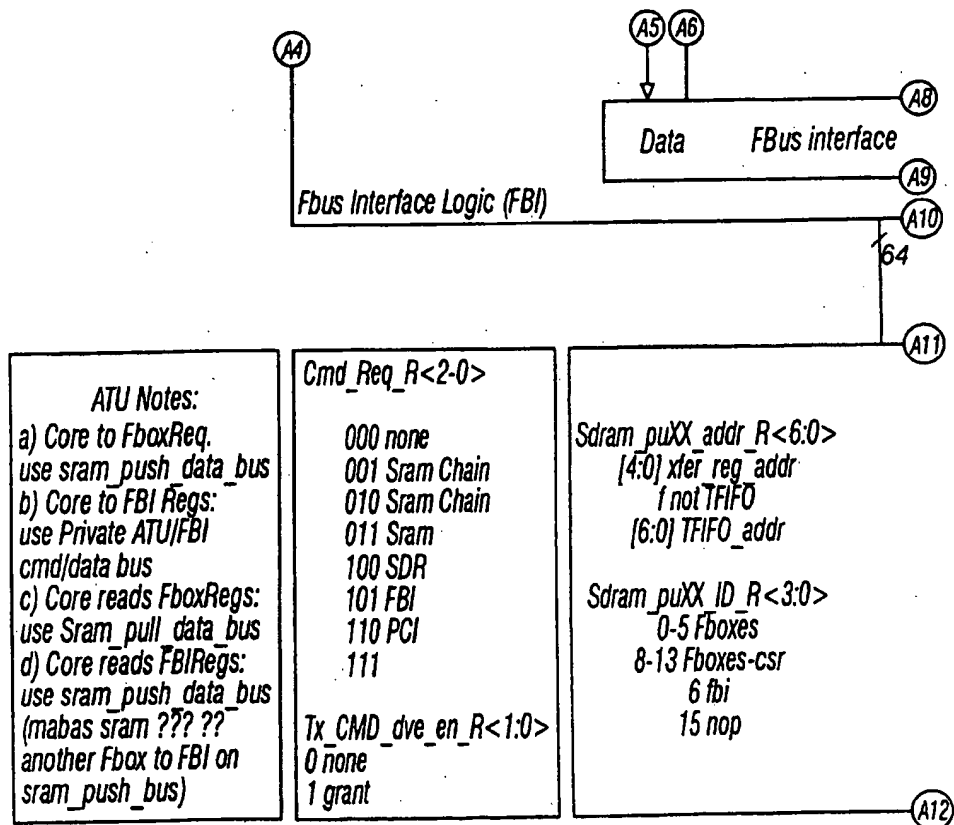


FIG. 6C

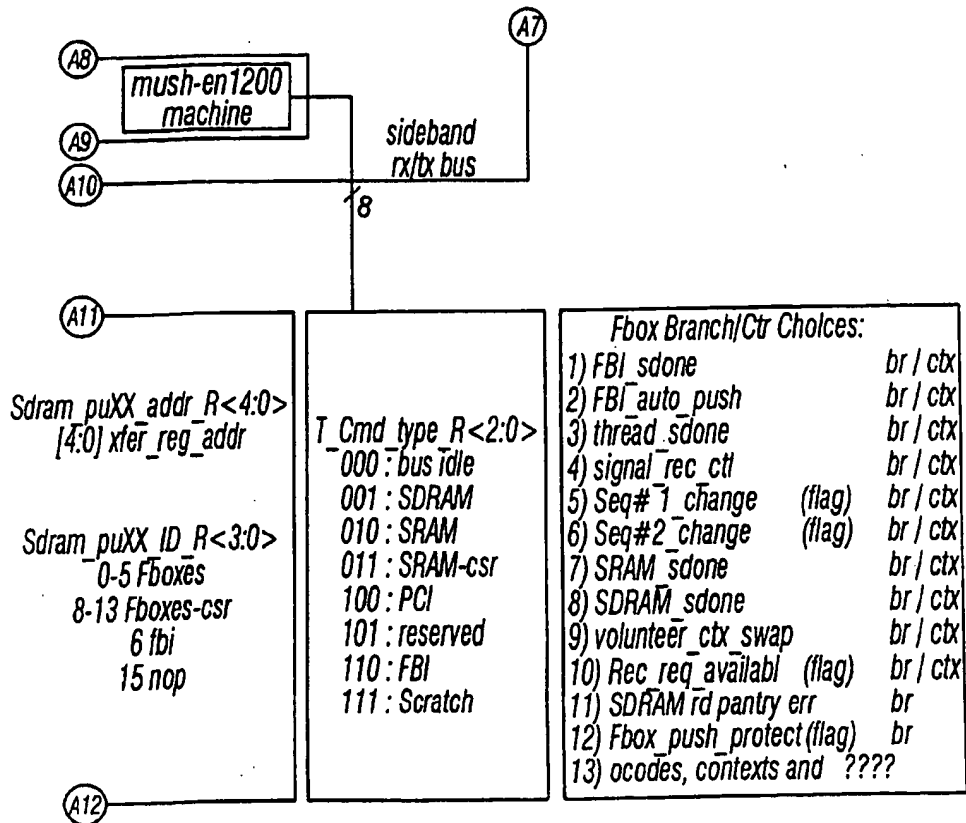


FIG. 6D